



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: the Application of

Inventors: Kenichi MIYOSHI, et al. Art Unit: 3662 #7
Application No.: 10/019,537
Filed: January 3, 2002
For: INTERFERENCE CANCELLER APPARATUS AND INTERFERENCE
ELIMINATION METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. All of these references were cited in a Supplementary European Search Report dated March 24, 2004 (copy attached). The EP '112, H. CHEN, et al., A. SHIBUTANI, et al. and A. SAIFUDDIN, et al. documents are already of record (IDS filed July 28, 2003).

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

James E. Ledbetter
Registration No. 28,732

Date: April 26, 2004

JEL/spp

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FORM PTO-1449 U.S. Department of Commerce
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L9289.01230

10/019.537

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

K. MIYOSHI, et al.

FILING DATE

DATE
January 3, 2002

GROUP

3662

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

N. IWAKIRI: "Interference Reduction Efficiency Of A Turbo Coded CDMA Multilayer System Equipped With A Pilot Canceler," Vehicular Technology Conference, 1999, VTC, 1999 - Fall, IEEE VTS 50th Amsterdam, Netherlands Sept. 19-22, 1999, Piscataway, NJ, USA, IEEE, US, Sept. 19, 1999, pp. 391-395, XP010352887, ISBN: 0-7803-5435-4.

H.-C. KWON, et al.; "Turbo Coded CDMA System With An Interference Cancellation Technique,"
IEICE Transactions on Communications, Institute of Electronics Information and comm. Eng.
Tokyo, JP, vol. E81-B, no. 12, December 1998, pp. 2326-2333, XP000827890, ISSN: 0916-8516.

M. SAWAHASHI, et al.; "Interference Rejection Weight Control For Pilot Symbol-Assisted Coherent Multistage Interference Canceller Using Recursive Channel Estimation In DS-CDMA Mobile Radio," *IEICE TRANS. FUNDAMENTALS*, vol. E81, no. A, May 5, 1998, pp. 957-972, XP002272522.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.